

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

TEXAS REFINERY CORP.  
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Fort Worth, Texas 76101  
(817) 332-1161  
24 Hr. Emergency Telephone No.: CHEMTREC 800-424-9300

Date - January, 1995  
OBSOLETE - August, 1994

\*\*\*\*\* I. PRODUCT IDENTIFICATION \*\*\*\*\*

TRADE NAME - Thix-O-Gear  
CHEMICAL FAMILY - Petroleum Compounds

PRODUCT CODE: 8237

\*\*\*\*\* II. HAZARDOUS INGREDIENTS \*\*\*\*\*

1. Titanium Dioxide  
CAS# 13463-67-7 PEL: 10mg/m<sup>3</sup> (dust) TLV: 10mg/m<sup>3</sup> (dust) WT.% 15-25
2. Heavy paraffinic distillates (petroleum)  
CAS# 64742-54-7 PEL: 5mg/m<sup>3</sup> (mist) TLV: 5mg/m<sup>3</sup> (mist) WT.% 40-55

NOTE: Under normal conditions of use, the oil in this product cannot be misted or dusted, therefore, should pose no health problem.

\*\*\*\*\* III. PHYSICAL/CHEMICAL DATA \*\*\*\*\*

~~BOILING POINT (°F): 450 F~~ SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.8691  
VAPOR PRESSURE (mm Hg): < 1 PERCENT VOLATILE BY VOL.: Negligible  
VAPOR DENSITY (Air=1): < 1 SOLUBILITY IN WATER: Negligible  
EVAPORATION RATE (Butyl Acetate=1): N/A  
APPEARANCE AND ODOR - Yellow-White tacky paste-like; petroleum odor

\*\*\*\*\* IV. FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT: > 500.F. (COC)  
FLAMMABLE LIMITS: Not Determined  
EXTINGUISHING MEDIA: Foam, Dry Chemical, CO<sub>2</sub>  
SPECIAL FIRE FIGHTING PROCEDURES: Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not store with strong oxidants.  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):  
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

\*\*\*\*\* V. HEALTH HAZARD DATA \*\*\*\*\*

TLV/PEL: See Section II  
PRINCIPAL ROUTES OF EXPOSURE - Eyes and Skin  
CARCINOGENS - None known  
EFFECTS OF OVEREXPOSURE - Prolonged contact may cause mild skin and eye irritation.  
EMERGENCY AND FIRST AID PROCEDURES - Flush eyes with large amounts of water for at least 15 minutes. Wash skin with soap and water. In case of ingestion, DO NOT induce vomiting, seek medical attention immediately.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - Unknown  
NOTES TO PHYSICIAN - None

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## THIX-O-GEAR

## \*\*\*\*\* VI. REACTIVITY DATA \*\*\*\*\*

STABILITY - Stable  
CONDITIONS TO AVOID - None known  
INCOMPATIBILITY (Materials to Avoid) - Strong Oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS - Carbon Monoxide, Carbon Dioxide  
HAZARDOUS POLYMERIZATION - Will not occur  
CONDITIONS TO AVOID - None known

## \*\*\*\*\* VII. PRECAUTIONS FOR SAFE HANDLING AND USE \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Clean up mechanically  
WASTE DISPOSAL METHOD - Federal, State and/or Local approved disposal.  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE - Normal for greases  
OTHER PRECAUTIONS - None

## \*\*\*\*\* VIII. CONTROL MEASURES \*\*\*\*\*

RESPIRATORY PROTECTION - None  
VENTILATION - N/A  
PROTECTIVE GLOVES - Not required  
EYE PROTECTION - Not required  
OTHER PROTECTIVE EQUIPMENT - Not required  
WORK/HYGIENIC PRACTICES - Observe good personal hygiene practice when handling this material.

## \*\*\*\*\* IX. TRANSPORTATION DATA \*\*\*\*\*

DOT SHIPPING NAME - N/A DOT HAZARD CLASS - N/A  
UN/NA NUMBER - N/A DOT LABEL(S) - N/A  
FREIGHT CLASSIFICATION - Petroleum, lubricating grease

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FOR ADDITIONAL INFORMATION CONTACT: Regulatory Affairs Office  
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